

**Abstract**

Wheel bearing comprising a rotating part and a stationary flange, and rolling contact elements arranged between them. A brake caliper is supported on the stationary flange. At least one sensor is arranged on the stationary flange. The sensor measures the braking force by measuring the change in length in the material of the stationary flange in the flow of force between first fastening openings for receiving the brake caliper and a form-locking connecting element for connecting to a wheel carrier.